

SKYLIGHTS

RESIDENTIAL

BUILDING INSPECTIONS DEPARTMENT
www.ci.blaine.mn.us



Permit Application – Use Window and Glass Door Replacement Application

A permit is required for installation of windows including skylights. Provide the make/model and fenestration U-Factor rating for each skylight unit installed (Maximum U-Factor = .60) with the application. Changes to existing skylight window opening sizes or new skylight window installation will require submittal of plans/details of proposed framing of opening including materials proposed. Information about attic framing and insulation shall be included

Glazing

- 1) Laminated glass with a minimum 0.015-inch polyvinyl butyral interlayer for glass panes 16 s.f. or less in area located such that the highest point of the glass is not more than 12 ft above a walking surface or other accessible area; for higher or larger sizes, the minimum interlayer thickness shall be 0.030-inch
- 2) Fully tempered glass
- 3) Heat-strengthened glass
- 4) Wired glass
- 5) Approved rigid plastics

In some instances a screen and fasteners that are capable of supporting twice the weight of the glazing may be required below the glazing. see MN Residential Code sections R308.6.3 through R308.6.7 to verify if a screen is required.

Inspections

The manufacturer's installation instructions must be on site for all inspections.

Skylight manufacturer's flashing requirements must be verified with a field inspection **or site specific digital pictures before flashing is covered.** "Site Specific" pictures must include front of house (include address numbers), curb, wrapped curb, apron flashing, step-flashing (along the sides), head flashing, and cladding (curb caps). Pictures must be able to clearly indicate that manufacturer's installation requirements have been followed and met.

****Clear digital pictures must be e-mailed to the City of Blaine, Building Inspections Department at inspectpix@ci.blaine.mn.us**

On-site field inspection is required of attic framing and insulation (if applicable)

RAISED CURB

(2" x 8" suggested as minimum to attain flashing clearance.)

All skylights installed in roofs with slopes less than 3:12 shall be mounted on a curb extending at least 4 inches above the plane of the roof unless otherwise specified in the manufacturer's installation instructions. This upgrade is required regardless if the roof is an overlay or new application.

Testing & Labeling

Skylights shall be tested by an approved independent laboratory, and bear a label identifying manufacturer, performance grade rating, and approved inspection agency to indicate compliance with requirements of AAMA/WDMA/CSA 101/I.S.2/A440.